



## Technologies Implemented on North Carolina Transit Systems

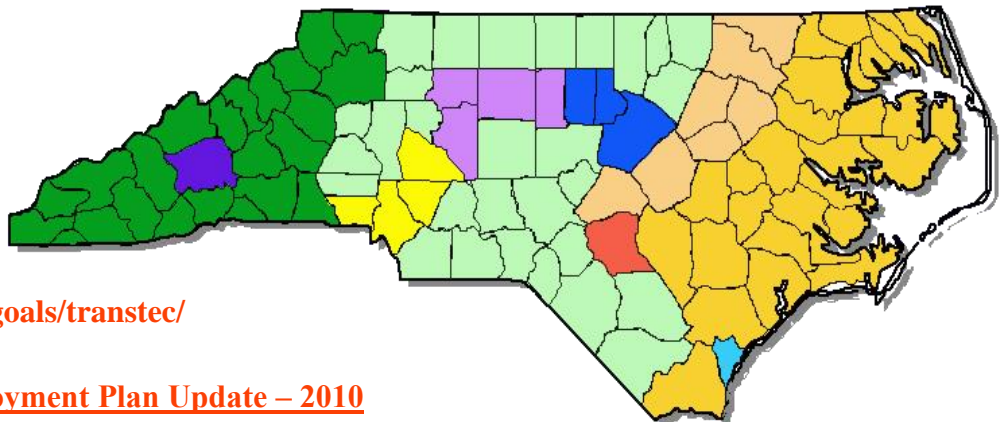
The NCDOT Transit Technology program began with dedicated funding from Transit 2001. Always focused on collecting once and using many, the technology program that started with getting everyone a computer and accounting software has now grown to include technologies such as real time passenger information systems, Interactive Voice Response telephone systems and even parking guidance. This report highlights the accomplishments made in customer service and safety with the technology program by sharing the various technologies and vendors.

### Statewide Projects

- 511 Traveler Information System
- Ridesharing Matching – [sharetheridenc.org](http://sharetheridenc.org)
- Maintenance Software for Community Transportation Systems
- Vehicle Security Cameras in Community Transportation Systems



## NC Regional Intelligent Transportation System (ITS) Plans 10 Planning Regions



### Strategic Deployment Plans

[www.ncdot.gov/about/transgoals/transtec/](http://www.ncdot.gov/about/transgoals/transtec/)

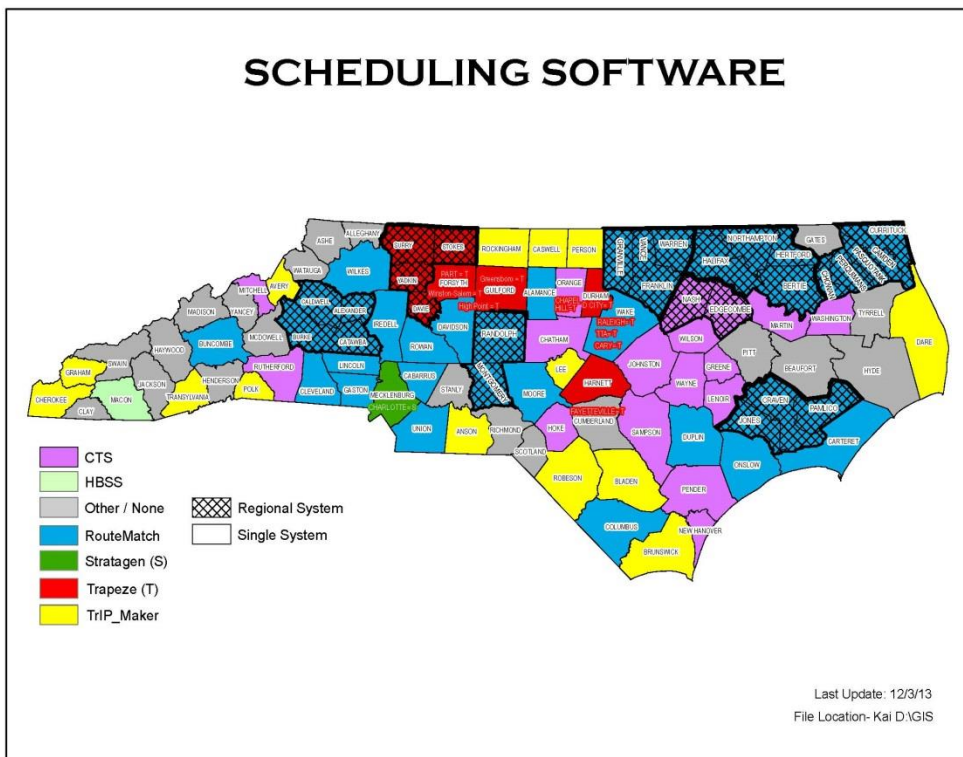
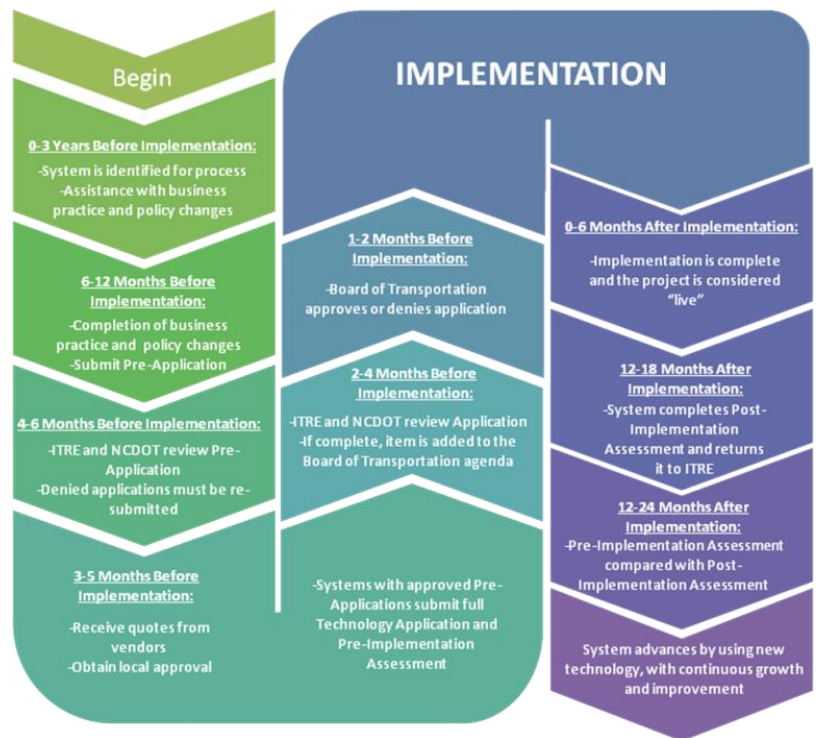
### Triangle ITS Strategic Deployment Plan Update – 2010

<http://www.itre.ncsu.edu/Public/tranres.html>



## Urban Projects – Regional and Individual \*

- **Trip Planning** – Trapeze, Giro, Google Transit
- **Runcutting and Scheduling** – Hastus, Trapeze
- **Paratransit Software (with MDCs)** – Strategen, Trapeze, RouteMatch; **MDCs** – Gray Hawk, Mentor
- **Real Time Passenger Information** – DRI, NextBus, TransLoc, Trapeze
- **Automatic Passenger Counters** – Urban Transportation Assoc, Init
- **Maintenance Software** – AssetWorks, Spear
- **Digital Video Recording Systems (cameras)** – Seon, Verint, GE
- **Interactive Voice Response Telephone for paratransit** – Trapeze, Ontira
- **Automatic Voice Annunciation** – DRI
- **Fareboxes** – GFI
- **Parking Guidance** – TCS International



## Community Transportation \*

- **Paratransit Scheduling Software** – Trapeze, RouteMatch, HBSS, StrataGen, CTS, TriP\_Maker
- **Maintenance Software** - AssetWorks
- **Digital Video Recording System (cameras)** - Seon
- **Mobile Data Computers (MDCs)** – Mentor, now using some Samsung tablets
- **Interactive Voice Response Telephone for paratransit** – RouteMatch, CTS

\*Names following the hyphen are the various vendors